SBK-No/272/16-17

# Original/Duplicate/Triplicate
# CONTRACT CERTIFICATE

***First & Final Bill*** (For Other Works) Date. 14/03/2017

Division: **BBMP, Byataranyanapura** Sub-Division: **BBMP, Vidyaranyapura**

Bill Received No. 01 Dated 20-04-2017 Divisional / Sub Divisional Cash Book Voucher No…….. Dated……

Schedule Docket No. Head of Account: **P-** 1771 **Work Code: 009-15-000010** **Est.Cost: 10.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: **Improvements and Asphalting to Deshabandunagara, Doddabommasandra Roads in Ward No. 09, Vidyaranyapura Sub Division.**

Name of Contractor and Full Address: ***Sri K. Nithin Kumar, # 313, 4th Main Road, Narasipura Layout, Vidyaranyapura, Bangalore - 97.***

Reference to Agreement No. **EE/BTP/BBMP/E-PMT/07(14241)/WO/232/2014-15** **Dated: 20.01.2015**

Certified that the measurements were taken by me on 20/10/16 and recorded of **Pages** 249954 **to** 249965 of measurement Book No. 2500/14:15 and that the work is satisfactorily executed.

K. nithin kumar
**Contractor**

Zoothan
**Officer-in-charge of work**

Certified that the measurement were taken by me on 26/10/16 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.)

**Sub-Division Officer**

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

II Memorandum of Payment

| | | Amount |
|---|---|---|
| 1) | Total value of work done or supplies made as per account within | Total Rs. 10,37,885-00 |
| 2) | Deduct amount to be held in reserve being ……percent Rs…… | |
| 3) | " Balance | |
| 4) | Deduct Payment: | |
| a. | Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No……..… adjusted towards cash advance recovery of | |
| b. | Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash. | |
| 5) | Balance being unpaid value of work done held in reserve. | |
| 6) | Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments. | |
| 7) | Net amount due to or from Contractor unadjustments items. | |
| 8) | Advance to Contractor for materials brought to site (as detailed) within. | |
| 9) | Value of Government materials supplied. | |
| | Total amount adjusted - | |

ST - 10379-00
VAT - 41515-00
CC - 10379-00
CBF - 1038-00
LR - 16682-00
Fine - 5700-00
Adj - 85693-00
Cheque 952192-00

K. nithin kumar
Contractor's Signature

Received Rs…….. (in words)……

……

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

10,37,885-00
85693-00
952192-00

Witness
1.
2.

Stamp

Dated Signature of Contractor

Paid by me by Cheque No……Dated……

Cash Rs……..

Dated……

**Initials of Officer making payment**

**Executive Engineer**

| Sl. No. | | Unit |
|---|---|---|
| 1 | Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods | Cum |
| 2 | Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods | Cum |
| 3 | Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing | Cum |
| 4 | Providing and constructing granite / trap / basalt size stone masonry in **superstructure with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing | Cum |
| 5 | Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing | Sqm |
| 6 | Providing and laying in position plain cement concrete of **mix 1:2:4 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing | Cum |
| 7 | Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, | Cum |
| 8 | Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **TMT Bars FE 500** | Qtl |
| 9 | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls** at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour | Sqm |
| 10 | Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100m, sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries | Sqm |
| 11 | Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density | Cum |
| 12 | Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air, to receive bituminous treatment including cost of all materials, labour, HOM of machineries | Sqm |
| | **Providing and applying primer coat for surfaces of medium porosity** like cement stabilized soil base @ 1.10 Kg/Sqmt over prepared surface with S.S bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all material, labour HOM of machineries | Sqm |
| 15 | Providing and laying **semi dense bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. **with 100-120 TPH capacityH.M.P with sensor paver Gr-II (25 mm to 30 mm) with 5 % VG-30 Bitumen** | Cum |
| 16 | Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading etc complete as per specifications and directions of engineer in charge of the work | Cum |
| | **Total** | |

**CERTIFICATE :**

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Sadha
AE 26/10/16

| Unit | Previous Measurement | | Present Measurement | | | Total Upto Date | | Remarks |
|---|---|---|---|---|---|---|---|---|
| | Qty. | Cost | Qty. | Rate Rs. P. | Amount | Qty | Cost | |
| Cum | - | - | 271.50 | 79.34 | 21541.00 | 271.50 | 21541.00 | |
| Cum | - | - | 38.99 | 277.69 | 10827.00 | 38.99 | 10827.00 | |
| Cum | - | - | 4.62 | 5086.96 | 23502.00 | 4.62 | 23502.00 | |
| Cum | - | - | 18.47 | 5009.80 | 92531.00 | 18.47 | 92531.00 | |
| Sqm | | | 30.78 | 97.48 | 3000.00 | 30.78 | 3000.00 | |
| Cum | - | - | 8.21 | 5591.36 | 45905.00 | 8.21 | 45905.00 | |
| Cum | - | - | 7.08 | 6365.51 | 45068.00 | 7.08 | 45068.00 | |
| Qtl | - | - | 6.37 | 8370.56 | 53320.00 | 6.37 | 53320.00 | |
| Sqm | - | - | 20.61 | 307.17 | 6331.00 | 20.61 | 6331.00 | |
| Sqm | - | - | 600.00 | 87.04 | 52224.00 | 600.00 | 52224.00 | |
| Cum | - | - | 165.00 | 1509.77 | 249112.00 | 165.00 | 249112.00 | |
| Sqm | - | - | 1100.00 | 12.08 | 13288.00 | 1100.00 | 13288.00 | |
| Sqm | - | - | 1100.00 | 78.20 | 86020.00 | 1100.00 | 86020.00 | |
| Cum | - | - | 27.50 | 11617.96 | 319494.00 | 27.50 | 319494.00 | |
| Cum | | | 203.63 | 77.21 | 15722.00 | 203.63 | 15722.00 | |
| | | | | | **1037885.00** | | **1037885.00** | |

Assistant Executive Engineer
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